



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4523

<b>SERIAL NUMBER</b> 09/300,494	<b>FILING OR 371(c) DATE</b> 04/28/1999 <b>RULE</b>	<b>CLASS</b> 375	<b>GROUP ART UNIT</b> 2611	<b>ATTORNEY DOCKET NO.</b> CALDERBANK-1	
<b>APPLICANTS</b> ARTHUR ROBERT CALDERBANK, PRINCETON, NJ; AYMAN NAGUIB, NEW PROVIDENCE, NJ; NAMBI RAJAN SESHADRI, CHATHAM, NJ;					
<b>** CONTINUING DATA *****</b>  <b>** FOREIGN APPLICATIONS *****</b>					
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 05/17/1999</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		<b>STATE OR COUNTRY</b> NJ	<b>SHEETS DRAWING</b> 3	<b>TOTAL CLAIMS</b> 14	<b>INDEPENDENT CLAIMS</b> 2
<b>ADDRESS</b> HENRY T. BRENDZEL P.O. BOX 574 SPRINGFIELD, NJ07081					
<b>TITLE</b> COMBINED CHANNEL CODING ANMD SPACE-TIME BLOCK CODING IN A MULTI-ANTENNA ARRANGEMENT					
<b>FILING FEE RECEIVED</b> 760	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

TRM  
1-30007